

All Agency Project Request

2013 - 2015 Biennium

<u>Agency</u>	<u>Institution</u>	<u>Building No.</u>	<u>Building Name</u>
University of Wisconsin	Madison	285-0A-9911	Utility - Campus Roads

<u>Project No.</u>	16C3B	<u>Project Title</u>	Eagle Heights Drive Repaving
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Project Intent

This project provides investigation and research, pre-design, and design services to repave all 2,500 LF of Eagle Heights Drive. The roadway surface will be evaluated to identify deficiencies, develop design solution alternatives, and recommend appropriate corrective measures.

Project Description

Project work includes full depth removal of the asphalt and replacement. All inlets, manholes, hydrants, signs, and pedestrian ramps will be adjusted and/or reconstructed as needed. The concrete curb is generally in good condition but it is assumed that 10% will be replaced. The last repaving project shows the asphalt pavement to be 4 inch thick which needs to be verified as part of the design. Some amount of excavation below subgrade (EBS) is expected in order to replace poor subgrade soils.

No local zoning approvals are required. The City of Madison's Joint West Campus Area Committee will be apprised of the project but have no need for review and approval.

Project Justification

The last complete repave of Eagle Heights Drive was in 1987 and the existing pavement is now significantly deteriorated and is beyond its serviceable life and has a PASER rating of 2 (i.e. more than 25% alligator cracking, rutting, potholes, severe and extensive settlements and frost heaves and patching that is in poor condition). Repaving of this roadway is needed in order to provide for safe vehicular and pedestrian traffic in the Eagle Heights area. Without reconstruction, the existing pavement will require continuous and ongoing maintenance.

A/E Consultant Requirements

☒ A/E Selection Required?

Consultants should have specific expertise and experience in the design and coordination of roadway reconstruction design, university design requirements, local permits, and civil engineering plans and specifications, as part of a design team. Work includes site surveys, acquiring field data, and verifying as-built conditions to assure accurate development of design and bidding documents and production of necessary design and bidding documents. Consultants should indicate specific projects from past experience (including size, cost, and completion date) in their letter of interest and when known, include proposed consulting partners and specialty consultants.

The consultant will verify project scope, schedule, and budget estimates, and recommend modifications as required to complete the specified project intent. The consultant will prepare a pre-design document to establish an appropriate project scope, budget, and schedule prior to the university seeking authority to construct from the Board of Regents and State Building Commission.

Commissioning

☒ Level 1
☐ Level 2

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<u>Project Budget</u>			<u>Funding Source(s)</u>	<u>Total</u>
Construction Cost:	\$		GFSB - []	\$0
Haz Mats:	\$		PRSB - []	\$0
Construction Total:	\$		Agency/Institution Cash [AGF0]	\$303,000
Contingency: 15%	\$		Gifts	\$0
A/E Design Fees: 8%	\$		Grants	\$0
DFD Mgmt Fees: 4%	\$		Building Trust Funds [BTF]	\$0
Other:	\$		Other Funding Source	\$0
		\$303,000		\$303,000

Project Schedule

SBC Approval: 09/2016
 A/E Selection: 05/2016
 Bid Opening: 01/2017
 Construction Start: 04/2017
 Substantial Completion: 06/2017
 Project Close Out: 09/2017

Project Contact

Contact Name: Matt Collins
 Email: <mcollins@fpm.wisc.edu>
 Telephone: (608) 263-3031 x

Project Scope Consideration Checklist

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- Will the building or area impacted by the project be occupied during construction? If yes, explain how the occupants will be accommodated during construction. ☒ ☐
All project work will be coordinated through campus physical plant staff and campus arboretum staff to minimize disruptions to daily operations and activities. The road will remain open to traffic during construction.
- Is the project an extension of another authorized project? If so, provide the project #... ☐ ☒
- Are hazardous materials involved? If yes, what materials are involved and how will they be handled? ☐ ☒
Hazardous materials abatement is not anticipated on this project.
- Will the project impact the utility systems in the building and cause disruptions? If yes, to what extent? ☐ ☒
- Will the project impact the heating plant, primary electrical system, or utility capacities supplying the building? If yes, to what extent? ☐ ☒
- Are other projects or work occurring within this project's work area? If yes, provide the project # and/or description of the other work in the project scope. ☐ ☒
- Have you identified the WEPA designation of the project...Type I, Type II, or Type III? ☒ ☐
Type III.

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8. Is the facility listed on a historic register (federal or state), or is the facility listed by the Wisconsin Historical Society as a building of potential historic significance? If yes, describe here. ☐ ☒
9. Are there any other issues affecting the cost or status of this project? ☒ ☐
Soil borings are required during the design phase.
10. Will the construction work be limited to a particular season or window of opportunity? If yes, explain the limitations and provide proposed solution. ☒ ☐
Project work is seasonal. Preferred project work schedule should be limited to late spring, summer, and/or early fall months if possible. Plantings can only be installed during appropriate growing seasons. UW Housing intends to have the project completed by the end of June 2017.
11. Will the project improve, decrease, or increase the function and costs of facilities operational and maintenance budget and the work load? If yes, to what extent? ☒ ☐
Completion of this project will decrease operational maintenance costs.
12. Are there known code or health and safety concerns? If yes, identify and indicate if the correction or compliance measure was included in the budget estimate, or indicate plans for correcting the issue(s). ☐ ☒
13. Are there potential energy or water usage reduction grants, rebates, or incentives for which the project may qualify (i.e. Focus on Energy <<http://www.focusonenergy.com>> or the local utility provider)? If yes, describe here. ☐ ☒
14. If this is an energy project, indicate and describe the simple payback on state funding sources in years and the expected energy reduction here. ☐ ☒